

MAY. 6. 2002 4:40PM

BARNES AND THORNBURG

NO. 841 P. 1/10

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Re: Serial No. 09/533,466

Inventor: Frank Collart et al.

Title: USE OF THE CRYSTAL STRUCTURE OF BACTERIAL IMP DEHYDROGENASE
OT DESIGN INHIBITORS OF BACTERIAL GROWTH

Atty Docket No. 21416/90042

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BARNES AND THORNBURG

NO. 841

P. 2/10

This correspondence is being sent via facsimile to 703-746-4991 to the Assistant Commissioner of Patents, Washington, D.C. 20231, on May 6, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Frank Collart *et al.*

Serial No.: 09/533,466

Attorney Docket No. 21416/90042

Filing Date: March 23, 2000

Title: USE OF THE CRYSTAL STRUCTURE
OF BACTERIAL IMP DEHYDROGENASE TO
DESIGN INHIBITORS OF BACTERIAL
GROWTH

Examiner: A. Marshel

Art Unit: 1631

FAX received
5-6-02

23/E
RE
E. Williams
58-02

AMENDMENT AND RESPONSE TO OFFICE ACTION
MAILED OCTOBER 15, 2001 AND THE INTERVIEW OF MAY 6, 2002

Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

This amendment is filed in response to the Office Action mailed October 15, 2001 and the interview of May 6, 2002. Please enter the following amendments and consider the following remarks. A petition for a one-month extension of time until February 15, 2002 was filed previously. A Notice of Appeal was filed April 15, 2002

AMENDMENTS

In the Claims

Please cancel claim 5.

Please amend the following claims:

1. (Amended) A crystal of bacterial IMPDH ([ionisine] inosine monophosphate dehydrogenase) isolated from a bacterial preparation.

3. (Amended) [The crystal of claim 1] A crystal of bacterial IMPDH (inosine monophosphate dehydrogenase) isolated from a bacterial preparation wherein the bacterial preparation is a pure culture of *Streptococcus pyogenes*.

4. (Twice Amended) A method for developing lead compounds for an inhibitor of bacterial IMPDH (inosine monophosphate dehydrogenase), said method comprising:

[a.](a) obtaining a crystal of bacterial IMPDH;

DO NOT ENTER
AM, 5-17-02